

Page, Gail

From: Isenhour, Jeff
Sent: Wednesday, July 26, 2006 11:31 AM
To: Page, Gail
Subject: FW: Additional Parts



Gaston revised
Invoice.xls



Camera Specs May
4.doc

-----Original Message-----

From: Ryan Robinson [mailto:ryan@cduav.com]
Sent: Wednesday, July 26, 2006 10:20 AM
To: Isenhour, Jeff
Subject: Additional Parts

Hello Jeff,

I have attached the invoice, as well as the spec for the color camera. I do not have an attachable information sheet for the antennas and receivers, as it is a combination of several parts. I will ask David, our engineer, to send you info when he gets a chance. He will be training your guys today so it may be a day or 2. Thanks again for your business, call me with any questions or comments.

Respectfully,

Ryan Robinson
Director of Sales
Cyber Defense Systems
202-627-8103

Page, Gail

From: Dianne Warlick [Dianne.Warlick@co.gaston.nc.us]
Sent: Friday, January 18, 2013 11:02 AM
To: Page, Gail
Subject: the drone

Sorry to say.....the only thing I can give you is a copy of the purchase order....which I think you already had. Purchasing records go back to 2008. I went to Jan Wiggins with the check number and date.....they have nothing past March 2007. Wish I could help.

Dianne

P.O. Box 1578
GASTONIA, NC 28053-1578
Phone: 704-866-3112

PURCHASE ORDER

SHIP TO:

GASTON CO POLICE
420 W FRANKLIN BLVD

GASTONIA NC 28052

NO. 21313

PURCHASE ORDER NUMBER MUST
APPEAR ON ALL INVOICES, BILLS
OF LADING AND CORRESPONDENCE.

DATE 1/17/06

VENDOR NO. 78861

CYBERDEFENSE SYSTEMS
10901 ROOSEVELT BLVD
SUITE 100D
ST PETERSBURG FL 33716

REQ# 22323

F.O.B.	VIA
DELIVERY REQUIRED	TERMS

ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT COST	TOTAL COST
***** PLEASE SEND ALL INVOICES TO THE ADDRESS AT THE TOP OF THIS PURCHASE ORDER. PAYMENT MAY BE DELAYED IF INVOICES ARE SENT TO ANY OTHER ADDRESS. ***** ATTN: JEFF ISENHOUR *****					
1	1.00	EA	BASIC BIG CYBER BUG (WITH CARRYING CASE) 40-4310-511-002 50112-0001	16950.00	16950.00
2	1.00	EA	GROUND CONTROL STATION (NO COMPUTER) 40-4310-511-002 50112-0001	6100.00	6100.00
3	1.00	EA	OPERATOR TRAINING PACKAGE 40-4310-511-002 50112-0001	1500.00	1500.00
4	1.00	EA	INFRARED CAMERA (\$4000 DISCOUNT OFF ORIG PRICE OF \$8750 FOR DEMO CAMERA **AND**TO REFLECT 10% DISC FOR DEMONSTRATOR AGREEM 40-4310-511-001 50113-0001	5420.00	5420.00
THIS INSTRUMENT HAS BEEN PREAUDITED IN THE MANNER REQUIRED BY THE LOCAL GOVERNMENT BUDGET AND FISCAL CONTROL ACT.					29970.00
RECEIVING REPORT				AUTHORIZED SIGNATURE	

ITEM #	1	2	3	4	5	6	7	8	9	10
DATE REC'D	2/13/06	2/13/06	2/13/06	2/13/06						
QTY. REC'D	1	1	1	1						
REC. BY	JP	JP	JP	JP						

GASTON COUNTY
REQUISITION ENTRY FORM

Date : 07/26/06

Requisition / PO # _____ / _____

Header Information

Vender Number : _____

Vender Name/Address : CyberDefense Systems

Ship to Department : _____

10901 Roosevelt Blvd, Suite 100D

St. Petersburg, FL 33716

Special Instructions : Order for Asst. Chief Isenhour

Line Items

#	Unit of Meas.	Unit Price	Description	Quantity	Extended Price	Account Number / Project Number
1		2100.0	360 Degree Gimbaled Color Camera	1	2100.00	
2		500.00	Video Receiver and Antenna	1	500.00	
3		60.00	Strobe Light	1	60.00	
			Freight			

TOTAL 2,660.00

Quotes :

Use back of page for additional information

#	Vender Name	Total Quote	Date of Quote	Contact Person / Telephone Number
1	Sole Vendor		07/26/2006	Ryan Robinson 202-627-8103
2				
3				

REQUISITIONER

DATE

DEPARTMENT HEAD / DESIGNEE

DATE

Micro Ball Turret Camera

General specifications:

Dimensions:

Gross weight RTF (less enclosure): 65 grams
Bare chassis with yoke: 15 grams
Enclosure: 11 grams
H x W x L:
2.125" (exclusive of ball) x 1.5" Wide x 3.5" Long
(2.75 max height including ball)

Mechanics:

Polymer chain drive pan
Stainless steel cable push-pull tilt
Pulse width modulation

Chassis, Carbon fiber composite

Yoke, Machined aluminum with threaded inserts

High strand count copper "dynamic" wire is spring loaded and is wound on the yoke spool to prevent twisting

Pan function: 360 degrees

Max rate of rotation: 0.72 sec / 360 degrees

Tilt function: 90 degrees max, 80 degrees typical, limited by lens

Max rate of rotation: 0.18 sec / 90 degrees

Stabilization system: utilizes present tilt servo and another similar servo for roll axis at a max of: 0.12 sec / 60 degrees

Camera:

NTSC

1/4" Inter-line type color CCD Image sensor

Operating Voltage of 5V DC current consumption of 160mA

High resolution of more than 450 TV lines

752(H) x 582(V) – 437.664 pixels

0.9 Lux max

S/N ratio: better than 45 dB

Electronic Iris: 1/50sec – 1/100 sec

Auto white balance

Gamma: 0,45

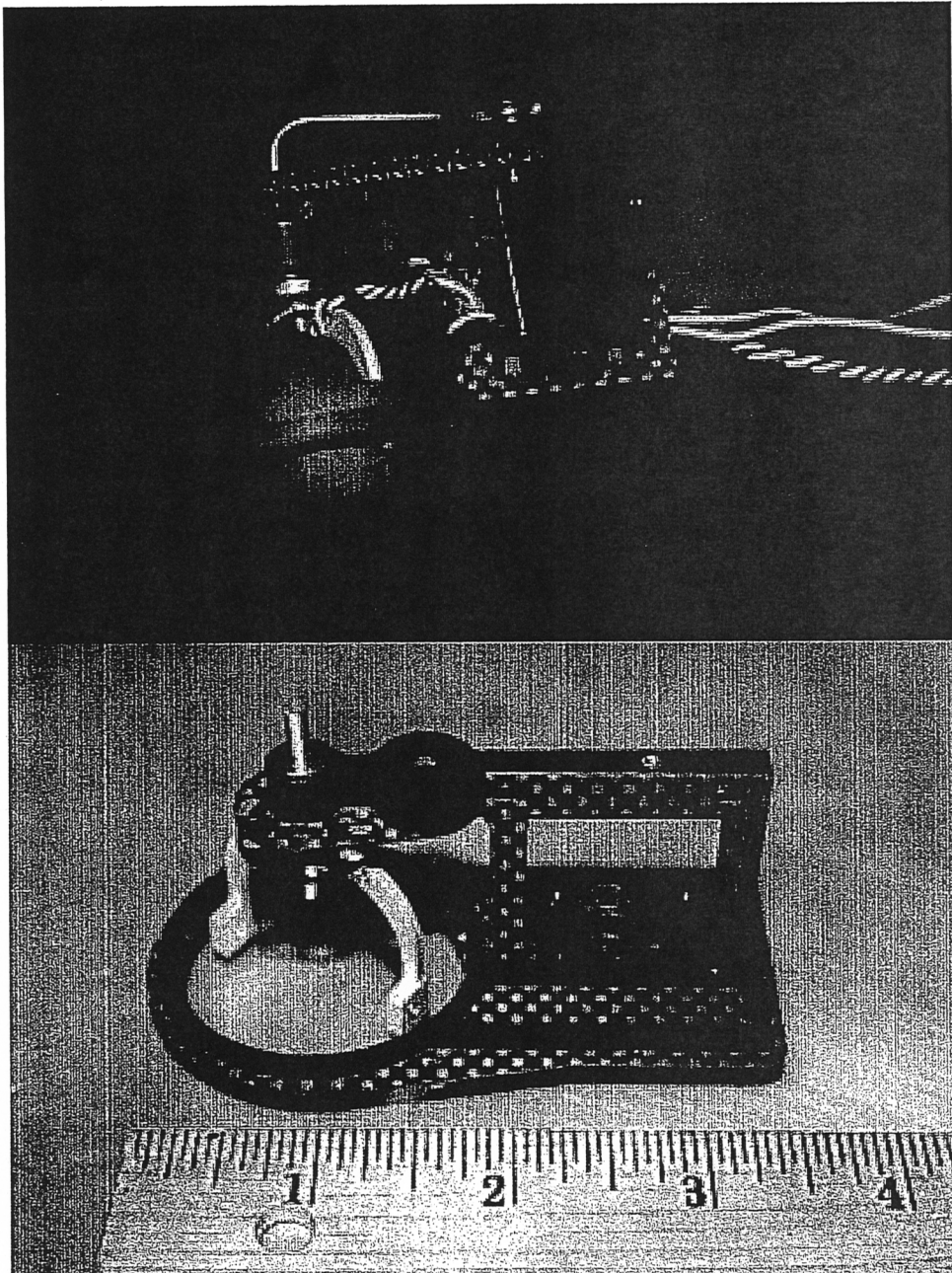
Operation temp of -5C - +45C

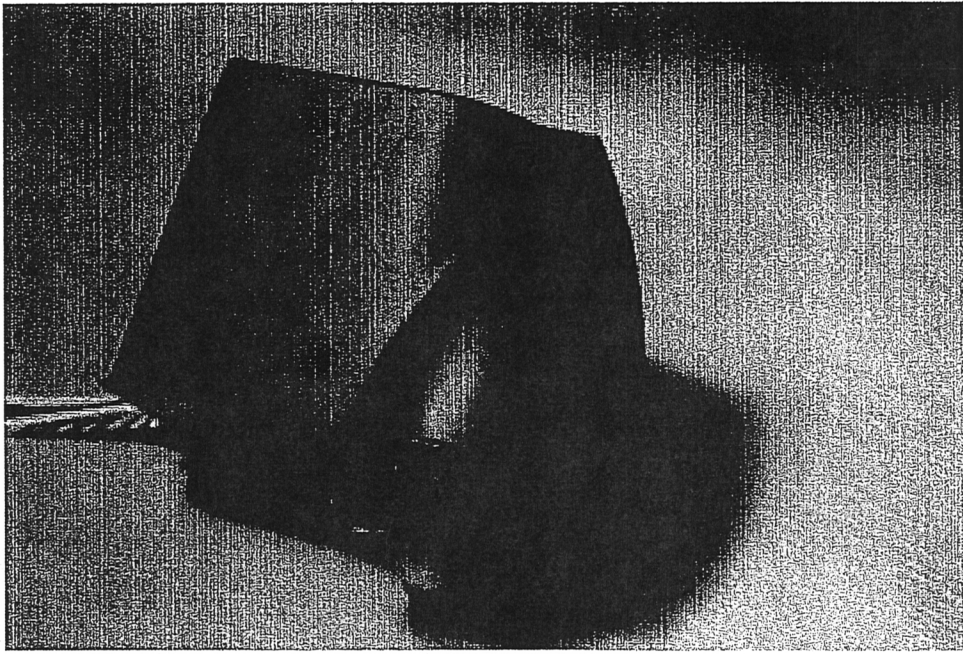
Lens options (field changeable D-Mount)

6.0mm

8.0mm (standard shown)

12.0mm





Proprietary Data Patent Pending

Brandebury Tool Company, Inc.



The Standard

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer CYBER DEFENSE SYK Model B16 BUK
Serial BB109 Registration Number _____
Date of Manufacture FEB 8 2006

Engine(s) currently installed:

Manufacturer NEUTRONICS Model 1509/1.5Y/5.2 Serial _____
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer APC Model LP1512F Serial 55 mm HUB
HUB Model _____ Serial _____
Blade Model _____ Serial _____
Blade Model _____ Serial _____
Blade Model _____ Serial _____
Blade Model _____ Serial _____
Blade Model _____ Serial _____

YEAR:	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty C.G.	Useful Load Pilot	Remarks
2/8/06					CG CHECK + MARK.
2/8/06					1st FLIGHT CG CHECK
2/15/06	11:17			Calendo	Training Dallas Park, no problems
2/23/06	20:31		Return to Copter - Deferred for repairs	Calendo	Training - Carr Rd. - Dallas Attitude loss, Comm. loss
2/27	21:24		Received back from Copter Defense	Hamrick	no problems, manual landing
2/27	20:28			Bolick Hamrick handled	low attitude, lost comm. no problems, manual landing
2/27	:10			Hamrick	lost comm. 8 mph winds wouldn't climb, manual landing
2/28	:15			Hamrick	low attitude, wouldn't climb, manual landing
2/28	14:26			Hamrick	manual landing, no problems
2/28	16:41		Return to Copter - Deferred for repairs	Hamrick	lost rect rudder control
3/3/06	6:39		1st flight after repairs	Hamrick	failed to clear waypoints
4/6/06	9:49		1st flight DDE Pilot	Hamrick	no problems, flew Dole plant
4/6/06	10:35		2nd flight DDE Pilot	Hamrick	Took 18 photos
5-8-04	:07		Abil Road	Schmitt	Wind calm. 6:00 am Dole plant test
6-7-06	11:38		Dallas - B.C. Road	Hamrick/Schmitt	Pics - No Problems
6-7-06	7:53		Dallas - B.C. Road	Hamrick/Schmitt	5 mph wind chose position in flight. No problems
					Est. 5 mph Attitude, wouldn't climb. 1st 2nd
					no problems, lost Comm.
					no problems 6.5 could
					land 8.3 could not move camera.

YEAR:	DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
			Empty Weight	Empty C.G.	Useful Load Pilot	Remarks
9-28-06	28.14			Brake 3 Tops on 1:12:00	Haworth	Tool Pic Industrial Del
10-20-06	28.14 28.00 am		Comer Box Not working	1st Call and Haworth		Missing person no flight
1/07	1:09			Dale Plant	Haworth/Calemb	Crash, no Altitude, broke wing
1/07	1:13			Dale Plant	Haworth/Calemb	Crash, no Altitude, broke prop
1/07	1:08			Dale Plant	Haworth/Calemb	Crash, no Altitude
1/07	1:06			Dale Plant	Haworth/Calemb	Crash, no Altitude, broke prop
1/17/07	5:51		New Motor Installed	Dale Plant	Schmitt	no problems
1/17/07	1:31			381 Industrial Park	Schmitt	Crash, behind Trees lost comm.
3/7/07	2:016			Sandcastle	Haworth/Calemb	no problems, camera locked up
2/7/07	12:00			Dale Plant	Haworth/Schmitt	no flight problems, camera problems
2/7/07	22:00			Dale Plant	Haworth/Schmitt	no flight problems, camera problems
3/7/07	5:00			Sandcastle	Schmitt	no flight problems
3/7/07	7:13			Sandcastle	Schmitt, Murphy, Calambokidis, Haworth	no flight problems
4/4/07	15:00			Sandcastle	11	Good Flight - Bad landing

WINDSPEED - AVG 5.0 MAX 8.5

CAMERA STILL SLIPPING

